Work Order ID 70218 Tuesday, May 31, 2011 1:44:56 PM														
Item ID: Revision ID:	D3297-1-0098	,		Accept					Setup		1 18811181 8			
Item Name:	HOSE ASS'Y									Stop				
Start Date: Required Date:		tart Qty: 4.00 Req'd Qty: 4.00			Cust Item I Customer:	D:								
Reference:														
Approvals:	Process Plan:	d	Date: 11/05/3			ate:			Run	Start Stop				
	QC:		Date:	_ SPC (Y/N):	Da	ate:				-				
Sequence ID/ Work Center I		peration escription		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accep Qty	t Re	ject y	Reject Number	Insp. Stamp		
Draw Nbr	Revisio	on Nbr							·		FN- A-30			
D3297	Rev D													
100 Purchasing	PI	URCHASING		0.00			. ,	_ C	£_	11/03	5/31	(G)		
Purchasing		Issue P/O: _ Hose Assen Possible Su	nbly as per Dwg D3297											
	Ro	eceive & Inspect for D	amage & Mat'l Certs	0.00				/		7 2/6	(- 1,		
Packaging		Memo		0.00				-6	-07-		$-\checkmark$	/		
Packaging		Ensure Mat	erial Releace Note is attach	ed					,					

Ensure Material Release Note is attached

Packaging

W/O:			W	ORK ORDER CHANG	ES			
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						: :		
Part No	•	PAR #:	Fault Ca	tegory:	_ NCR: Yes	No DQA:	Date: _	
Resolution: Dis			Disposit	ion:	_ QA: N/C Cld	sed:	Date: _	
NCR:		V	VORK OR	DER NON-CONFORM	ANCE (NCR)		
DATE	STEP	Description of NC	In tale 1	Corrective Action Section	Verification		Approval	
DAIL	0.2.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
							:	

NOTE: Date & initial all entries

 $\red{H}: \label{eq:hamman} \textbf{H}: \label{eq:hamman} \ \textbf{Assurance} \ \textbf{Approved QA} \ \textbf{NCRWO RevE}$



Page 2

Item ID:

D3297-1-0098

Accept



Setup Start



Revision ID:

Start Date:

Item Name:

HOSE ASS'Y

5/31/2011

Start Otv: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

Stop

Reject

Otv

Stop



Sequence ID/

Required Date: 6/8/2011

OC:

Date:

SPC (Y/N):

Set Up/

Run Hours

Tool ID

Date:

Tool # Plan

Code

Accept Otv

Reject Number

Insp. Stamp

Work Center ID

120

Quality Control

Operation Description

OC6- Inspect dimensions to drawing

Memo

130

Small Fab

Small Fab

Small Fab

Memo

Install D2729-1 as per Dwg D3297

using D2182-045 Heat Shrink Batch: 22/864

140

Packaging

Packaging

Identify as per dwg & Stock Location: (47

0.00

0.00

0.00

Memo

0.00

W/O:				WORK ORDER (CHANGES					
DATE	STEP	PRO	CEDURE C	HANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
									,	
Part No	:	PAR #:	Fault Ca	ategory:	NCI	R: Yes	No DQ	A:	Date: _	
Resolution:								Date: _		
NCR: W			WORK OF	DER NON-CON	FORMANCE	(NCR)			
DATE	STEP	Description of NC Section A	Inital	Corrective Action Action Des		Sign &		fication Appro		Approval QC Inspector
		555.5.171	Chief Eng	Chief E	ng	Date	000.		5	20
	1									
•										
ı	1	1	i 1				1		[

NOTE: Date & initial all entries

.H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Work Order ID 70218

Tuesday, May 31, 2011 1:44:56 PM



Page 3

Item ID:

D3297-1-0098

Accept



Setup Start

Stop



Revision ID:

Start Date:

Item Name:

Required Date: 6/8/2011

HOSE ASS'Y

5/31/2011

Start Qty: 4.00

Req'd Qty: 4.00

Cust Item ID: Customer:

Reference:

A	nn	rn	val	e.

Process Plan:

QC:

Date:_____ Date:

Tooling:

SPC (Y/N):

Date:

Tool ID

Date:

Tool # Plan

Code

Start Run

Accept

Qty



Stop

Sequence ID/ **Work Center ID**

150

Operation Description

QC21- Final Inspection - Work Order Release

Set Up/ **Run Hours**

0.00

Reject Qty

Reject Insp. Number, Stamp

Quality Control

Memo

0.00

Dart Aerospace L

	-										
W/O:				WC	RK ORDER CHANG	ES					
DATE	STEP	PRO	PROCEDURE (-	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		*									
Part No		PAR #:	Fau	t Cate	gory:	_ NCR	: Yes N	lo DQ	A :	Date:	
	R	esolution:	Disp	ositior	n:	QA:	N/C Clo	sed:		Date: _	
NCR:		•	WORK	ORDE	ER NON-CONFORMA	ANCE	(NCR)				
DATE	STEP Description of NC				Corrective Action Section Description	Section B ription Sign &			erification Ap		Approval
		Section A	Chief		Chief Eng		Date	Sect	ion C	Chief Eng	QC Inspector
· ·						į.					
•											

NOTE: Date & initial all entries

Picklist Print

~ Tuesday, May 31, 2011 1:44:53 PM

Work Order ID: 70218

Parent Item: D3297-1-0098

Parent Item Name: HOSE ASS'Y



Start Date: 5/31/2011

Required Date: 6/8/2011

Page 1

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP: B□04.11.09□Added Step 5□KJ/JLM□

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Statu Issued
156001-6D0096 HOSE ASS'Y		Purchased	No		-	110	Each	0.0000	1 	4	l 1/2/5	k G
D2182-045		Manufactured	No			130	Each	0.0000		4	uloc	100
D2729-1		Manufactured	No			130	Each	0.0000		4	Sufe	6/09

1

W/O:				٧	ORK ORDER CHANGES					
DATE	STEP	PRO	PROCEDURE			CHANGE By				
										·
Part No		PAR #:	Faul	Ca	tegory:N	R: Yes	No DQ	A:	Date:	
		Disp	Disposition: QA: N/C Close					Date:		
NCR: WORK		VORK	DR	DER NON-CONFORMANC	E (NCF	R)				
DATE	STEP	Description of NC Section A	Initi Chief I		Corrective Action Section B Action Description Chief Eng	on B Sign & Date		cation ion C	Approval Chief Eng	Approval QC Inspector
					<u> </u>					
I										
,										

NOTE: Date & initial all entries

.H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE



	DESIG	H -	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
-	CHEC	KEDIA/	APPROVEO,	DRAWING NO. REV. D
9		#	-#	D3297 SHEET 1 OF 1
-	DATE	- 1		TITLE SCALE
	05.0)1.21		HOSE ASSEMBLIES NTS
	Α		04.07.06	NEW ISSUE
	В		04.11.01	STRATOFLEX P/N WAS AEROQUIP P/N
	С		04.11.18	T50 CORRECTED TO TSO
	D		05.01.21	CORRECT STRATOFLEX P/N



HOSE FITTING P/N 676-60	SE FITTING N 676–6D 03297–1
HOSE FITTING P/N 676-60	FITTING 6 680 – 60 03267 – 3
HOSE FITTING P/N 676-4S	OSE FITTING (N 676-4S

	HOSE SPECIFICATION			
DART P/N	STRATOFLEX P/N	VENDOR	Α	В
D3297-1-0098	156001-6D0096	API	9.75	
D3297-1-0130	156001-6D0130	API	13.00	
D3297-1-0121	156001-6D0121	API	12.13	
D3297-3-0085	156005-6D0085	API		8.50
D3297-3-0210	156005-6D0210	API		21.00
D3297-3-0350	156005-6D0350	API		35.00
D3297-5-0410	156001-480410	API	41.00	
D3237-3-0410	130001-430410	Art	41.00	

D3297-1-XXXX HOSE ASSEMBLY WHERE XXXX REPRESENTS HOSE LENGTH IN TENTHS OF INCH D3297-5-XXXX HOSE ASSEMBLY

EG: 12.125" LONG: D3297-1-0121

41.00" LONG: D3297-5-0410 8.50" LONG: D3297-3-0085

NOTES:

C&11/05/31 W10:70218

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:		WORK ORDER CHANGES												
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
		*												
Part No		PAR #:	Fault Cate	gory:	NC	R: Yes	No DQ	A :	Date:					
	Re	esolution:	Disposition	n:	QA	: N/C CI	osed:		Date:					
NCR:		,	WORK ORD	ER NON-CONFO	RMANCI	E (NCR	l)							
DATE	STEP	Description of NC		Section B		Verific	ation	Approval	Approval					
DAIL	SILF	Section A	Initial Chief Eng	Action Descri Chief Eng	otion	Sign & Date	Section		Chief Eng	QC Inspector				
							į į							
		•												
				:										

NOTE: Date & initial all entries



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO14218

Purchase Order Date 5/31/2011 PO Print Date 5/31/2011

Page Number 1 of 1

حَدِثِمِ

Order From:

VC-AER002

AEROSPACE PRODUCTS INTERNATIONAL P.O. BOX 223, STATION M CALGARY, AB T2P 2H6

CA

Contact Name

Vendor Phone

800 214 7404

Vendor Fax

800 214 8875

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr Terms

Currency

FOB

10127-2607 Net 30

Chantal Lavoie

CAD

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7

CANADA

Line N	br Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable l	Req Qty/ Init of Measure	Ship Method	Unit Price	Extended Price
1	156001-6D0096	HOSE ASS'Y	6/6/2011 Yes	4.00 Each	FedEx PI collect	\$61.6400	\$246.56
		Special Inst:	AS PER DWG D3 B70218	3297 REV. D			
2	156005-6D0085	HOSE ASS'Y	6/6/2011	4.00	FedEx PI collect	\$101.7500	\$407.00
			Yes	Each			
		Special Inst:	AS PER DWG D B70219	3297 REV.D			
3	156005-6D0210	HOSE ASS'Y	6/6/2011	4.00	FedEx Pl collect	\$117.1700	\$468.68
			Yes	Each			

Special Inst:

AS PER DWG D3297 REV. D

B70220

PO Total:

\$1,122.24

2

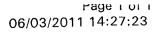
CERTIFICATE OF CONFORMITY REQID UPON DELIVERY

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required when applicable

Change Nbr:

Change Date: 5/31/2011



حشانح



2461 46th Ave. LACHINE QC H8T 3C9 CANADA



Pack List

Shipping Address
ART AEROSPACE LTD.
270 ABERDEEN STREET
IAWKESBURY ON K6A 1K7
CANADA
orwarding Agent's Address
Shipping Instructions
Shipping Instructions Detailed Shipping Instructions at the
Detailed Shipping Instructions at the

Detailed Packing Instructions at the

end of the document

Information	80890490
Document Number	06/03/2011
Document Date	
Purchase Order No.	PO14218
Purchase Order Date	06/02/2011
Sales Order Number	791802
Sales Order Date	06/02/2011
Customer Number	6100481
Shipping Conditions	FXPri 1D (Intl 1-3D)
Incoterms	
Cust Ship Acct	
Delivery Date	06/06/2011
Bill of Lading	
Total Volume	0.012 IN3
Carrier	PUROLATOR COURIER

Item	Material	Material Description	Quant	ity	Weight Batch Num
10	156001-6D- 0096	156-6 HOSE ASSEMBLY	ulo 105		
20	Batches 0001900892 (PO: 156005-6D- 0085	4500150337) (156-6 HOSE ASSEMBLY	4 EA	O LB	
30	Batches 0001900893 (PO: 156005-6D-	4500150337) 156-6 HOSE ASSEMBLY	4 EA	O LB	
	0210 Batches 0001900895 (PO:	4500150337)	4 EA	O LB	

Shipping and Packing Instructions

CERTIFICATE OF CONFORMANCE

I hereby certify that th eaircraft parts described hereon were acquired from a source of supply that is consistent with the conditions under which Transport Canada distributor approval number

77-98 has been granted.

Authorized Signature

′ao#77-98



Certificate of Conformance

API MONTREAL Customer Date 06/02/2011 Sales Order# 4500150337 PO# ____

		Qty	
Part#		2	
111417-45-0104		<u>-</u>	
111417-45-0112	 /		
156001-6D-0096 - Suloblot		4)	
156005-6D-0085		4	
156005-6D-0210		4	
eg			

We hereby certify that all the above parts, including all materials, have been manufactured, tested, inspected and packed in conformance with all of the requirements of your order and the applicable government specifications & standards. Records of tests, inspection and certification indicating the above conformance are on file at Aerospace Products International and are available for your examination.

It is further certified that on any hose assemblies marked with a TSO, parts and/or materials reflected therein were produced under Federal Aviation Administration approved manufacturing quality control systems/methods as set forth in the FAA issued technical standard order authorized (TSOA) issued to Stratoflex and (b) such parts and/or material are new and are in condition for safe operation.

If applicable, satisfactory compliance with the conditions and test required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.